

Listing of Claims:

1. (Previously Presented) An electronic circuit arrangement, having a lead (3), via which electronic circuit elements (6) of the circuit arrangement comprising LED components are drivable by a drive circuit (2; 20; 21; 22),

wherein

the lead (3) has a plurality of coding conductors (3c, 3d), which carry a code by means of a combination of electrically interrupted and electrically continuous coding conductors (3c, 3d), said code giving an indication of specific properties of the circuit arrangement; and

wherein

said code is detectable by an evaluation circuit which is integrated in the circuit arrangement.

2. (Previously Presented) The electronic circuit arrangement as claimed in claim 1,

wherein

the evaluation circuit (70; 71; 72; 73) passes a corresponding control signal to the drive circuit (2; 20; 21).

3. (Original) The electronic circuit arrangement as claimed in claim 1,

wherein

an interrupted coding conductor represents the logic state "0" and a non-interrupted coding conductor represents the logic state "1".

4. (Previously Presented) The electronic circuit arrangement as claimed in claim 2,

wherein

at least two coding conductors (3d) are individually connectable to a measurement voltage source of the drive circuit (21) and the coding conductors (3d) are furthermore connectable to the evaluation circuit (73).

5. (Previously Presented) The electronic circuit arrangement as claimed in claim 1,

wherein

the evaluation circuit (72; 73) is a digital/analog converter (D/A).

6. (Original) The electronic circuit arrangement as claimed in claim 5,

wherein

the digital/analog converter (D/A) contains a resistor network.

7. (Original) The electronic circuit arrangement as claimed in claim 6,

wherein

a reference voltage (U_{ref}) of the digital/analog converter (D/A) is a measurement voltage provided by the measurement voltage source.

8. (Previously Presented) The electronic circuit arrangement as claimed in claim 1,

wherein

an electrical supply line for the circuit elements is provided by at least one electrically continuous coding conductor (3d).

9. (Previously Presented) The electronic circuit arrangement as claimed in claim 1,

wherein

the lead and the circuit arrangement are arranged on a common carrier.

10. (Original) The electronic circuit arrangement as claimed in claim 1,

wherein

the lead is arranged on a flexible part of a carrier.

11. (Previously Presented) The electronic circuit arrangement as claimed in claim 1,

wherein

the coding conductors (3c, 3d) are interruptable by perforation, stamping and/or milling.

12. (Previously Presented) The electronic circuit arrangement as claimed in claim 1,

wherein

the lead is electrically connectable to the drive circuit and/or to the circuit arrangement (1) by plug connectors.

13. (Original) The electronic circuit arrangement as claimed in claim 1,

wherein

the circuit arrangement (1) is an LED circuit arrangement (1).

14. (Original) The electronic circuit arrangement as claimed in claim 13,

wherein

the LED circuit arrangement (1) has a plurality of LED chains each having a plurality of LED components (6), said LED chains being electrically connected in parallel with one another.

15. (Original) The electronic circuit arrangement as claimed in claim 14,

wherein

the coding is correlated by the brightness grouping of the LED components used in the LED circuit arrangement.

16. (Previously Presented) A method for coding an electronic circuit arrangement, as claimed in claim 1,

wherein

the lead is coded by perforation, stamping and/or milling after the completion of the electronic circuit arrangement, in accordance with the properties, parameters and/or functions of said electronic circuit arrangement.

17. (Previously Presented) The electronic circuit arrangement as claimed in claim 9,

wherein

the common carrier comprises a printed circuit board.

18. (Previously Presented) The method for coding an electronic circuit arrangement as claimed in claim 16,

wherein

the electronic circuit arrangement comprises an LED circuit arrangement.